Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115691.D
Acq On : 20 Jul 2019 00:07
Operator : HP/JU
Sample : K3868-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 20 04:00:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	230386	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	873184	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	379446	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	579949	20.00	ng		0.00
76) Chrysene-d12	14.04	240	379161	20.00	ng		0.00
87) Perylene-d12	15.52	264	341048	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1164989	82.71	ng		0.00
7) Phenol-d6	6.52	99	1539547	86.14	ng		0.00
23) Nitrobenzene-d5	7.44	82	963553	64.16	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	315782	71.30	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1572681	72.54	ng		-0.01
79) Terphenyl-d14	12.99	244	1212728	59.02	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	129327	11.095	ng	#	79
25) Isophorone	7.44	82	950549	31.633	ng	#	64
50) Dimethylphthalate	9.63	163	317640	11.126	ng		98
57) 2,4-Dinitrotoluene	9.92	165	50295	5.984	ng	#	24
67) 4-Bromophenyl-phenylether	10.71	248	19384	2.925	ng	#	1
71) Phenanthrene	11.43	178	250468	8.425	ng		96
75) Fluoranthene	12.62	202	473612	15.076	ng		99
78) Pyrene	12.85	202	445009	13.853	ng		97
81) Benzo(a)anthracene	14.03	228	211004	8.447	ng		99
83) Chrysene	14.07	228	209707	8.363	ng		97
86) Indeno(1,2,3-cd)pyrene	17.00	276	91562	4.298	ng		97
88) Benzo(b)fluoranthene	15.09	252	325521	14.823	ng		98
89) Benzo(k)fluoranthene	15.09	252	325521	16.626	ng		99
90) Benzo(a)pyrene	15.46	252	158309	8.387	ng		99
92) Benzo(g,h,i)perylene	17.44	276	94479	5.717	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
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Acq On : 20 Jul 2019 00:07
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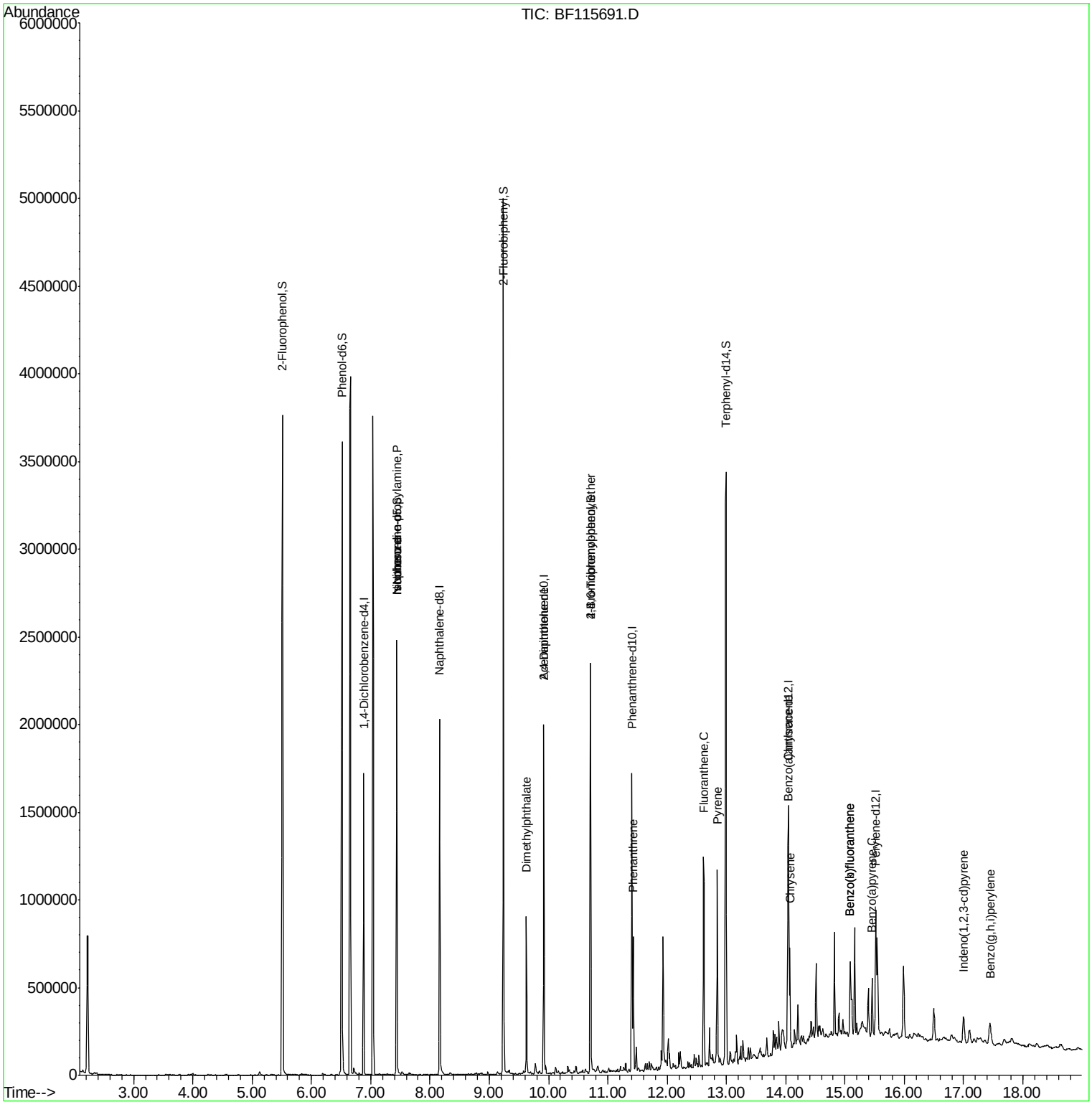
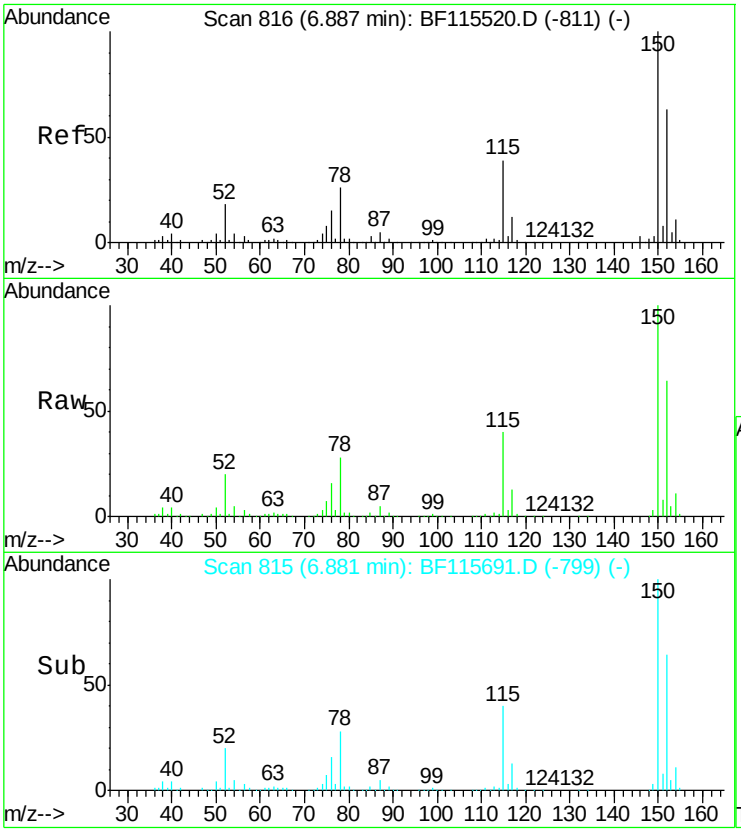
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 20 04:00:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration



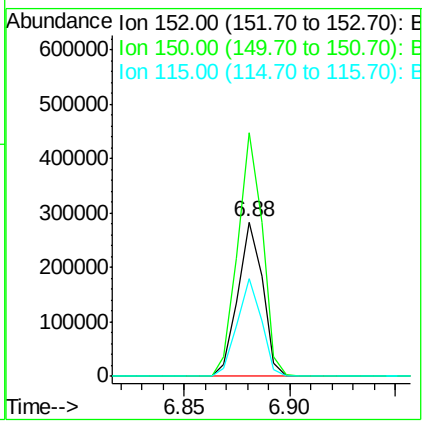


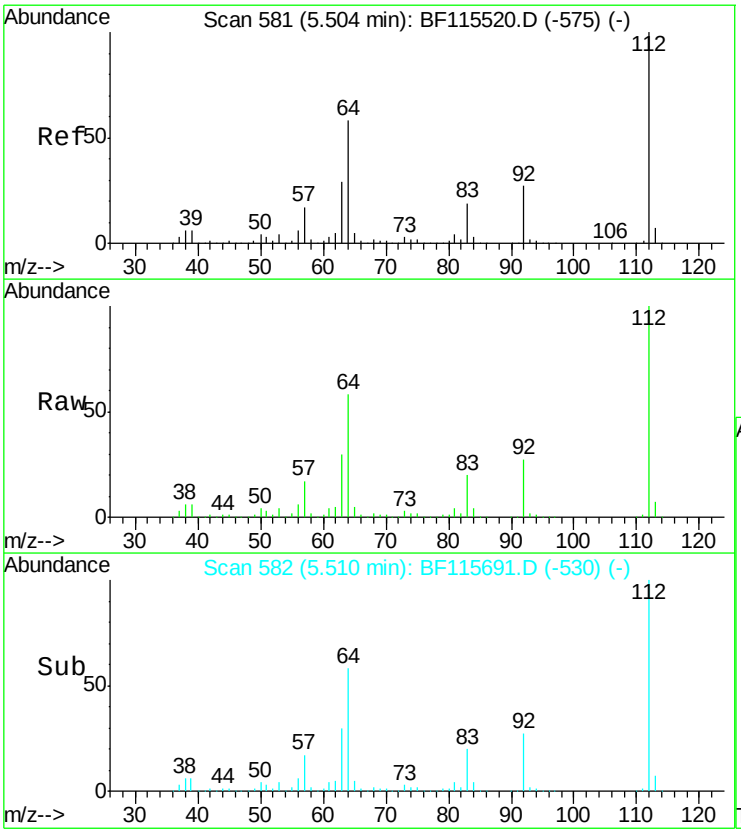
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 230386

Ion	Ratio	Lower	Upper
152	100		
150	157.5	129.7	194.5
115	63.3	48.2	72.4

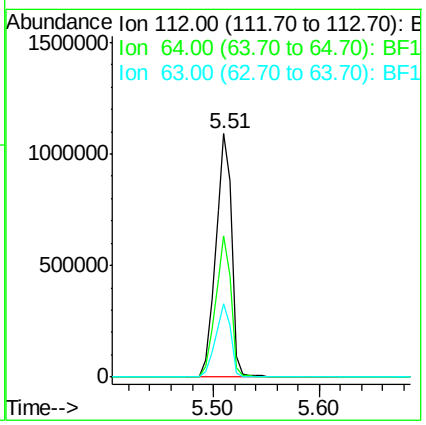


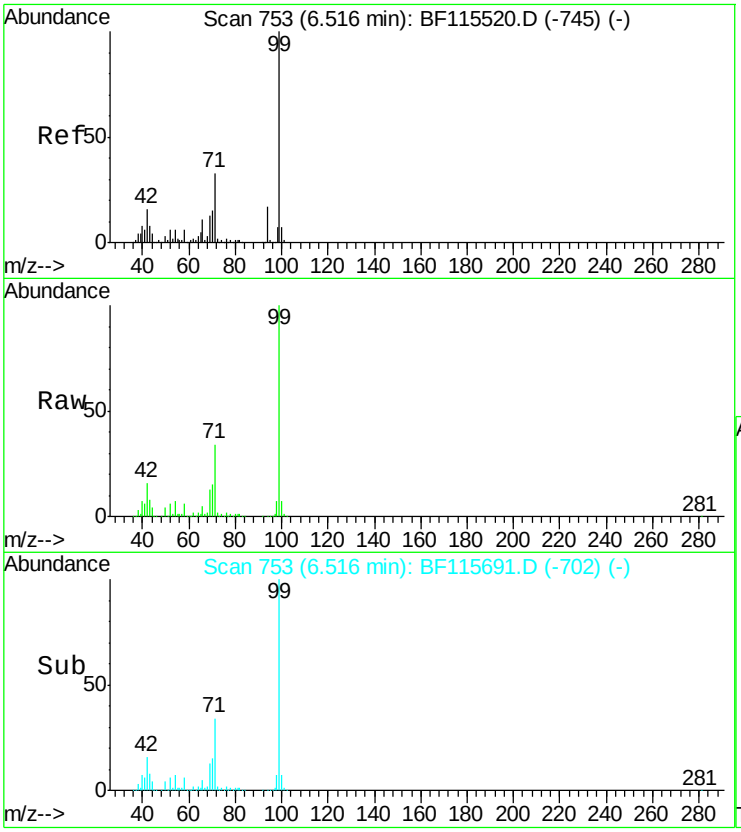


#5
2-Fluorophenol
Concen: 82.713 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Tgt Ion:112 Resp: 1164989

Ion	Ratio	Lower	Upper
112	100		
64	57.9	46.8	70.2
63	30.3	24.1	36.1



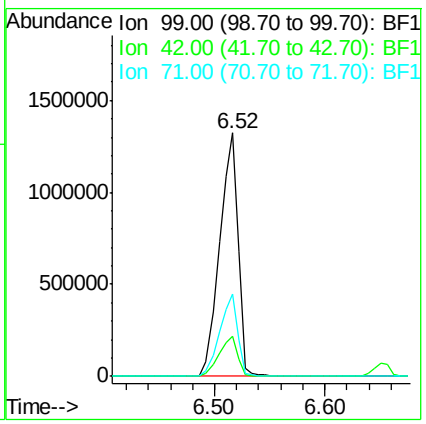


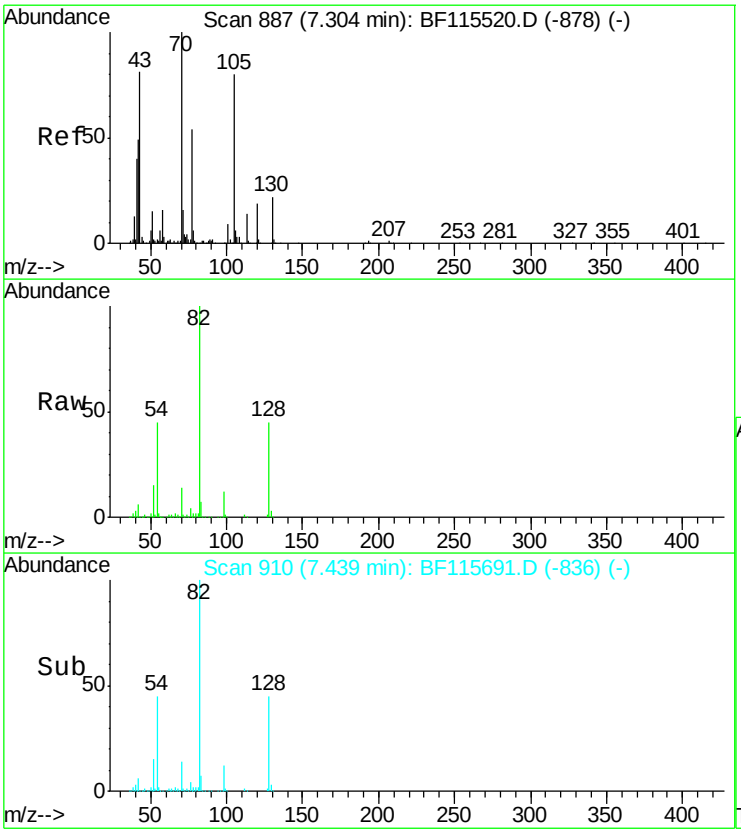
#7
Phenol-d6
Concen: 86.143 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1539547

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.6	20.4
71	33.9	28.5	42.7

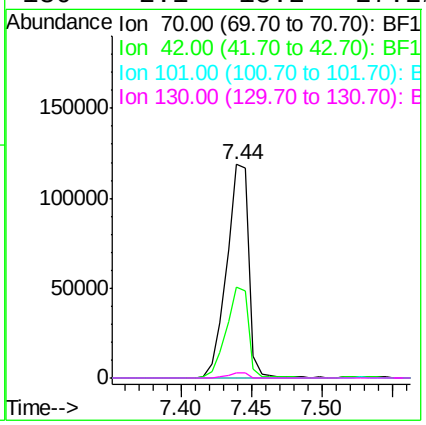


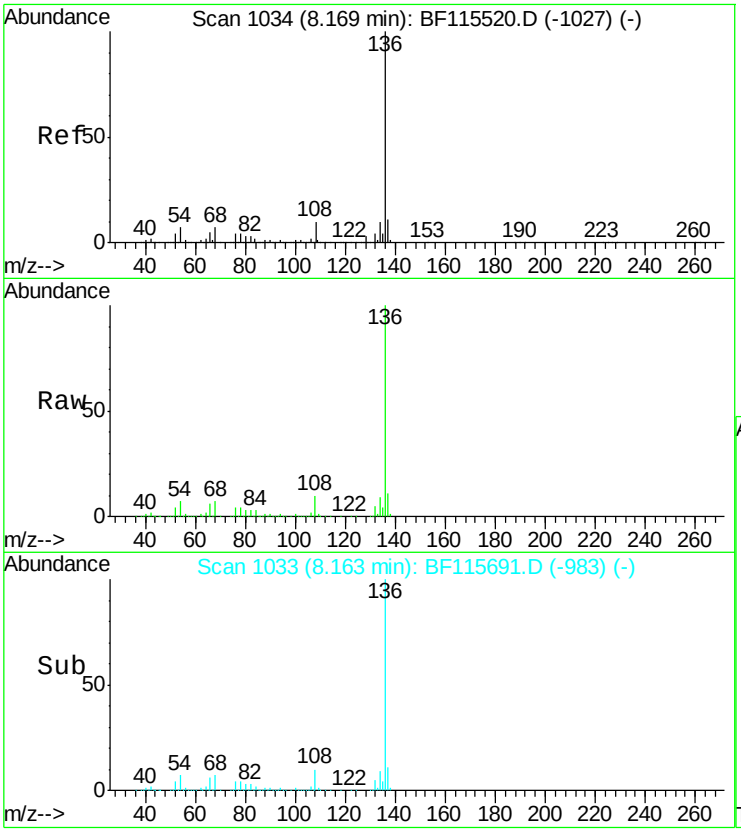


#19
n-Nitroso-di-n-propylamine
Concen: 11.095 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Tgt Ion: 70 Resp: 129327

Ion	Ratio	Lower	Upper
70	100		
42	42.5	39.6	59.4
101	0.0	8.1	12.1#
130	2.1	18.2	27.2#



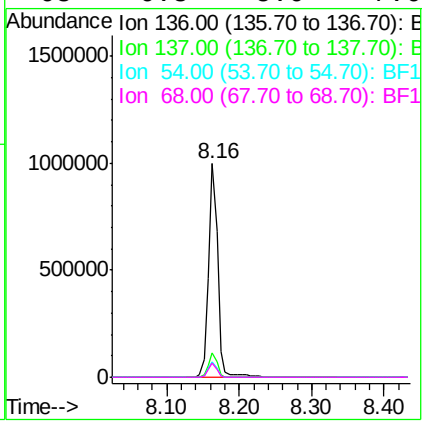


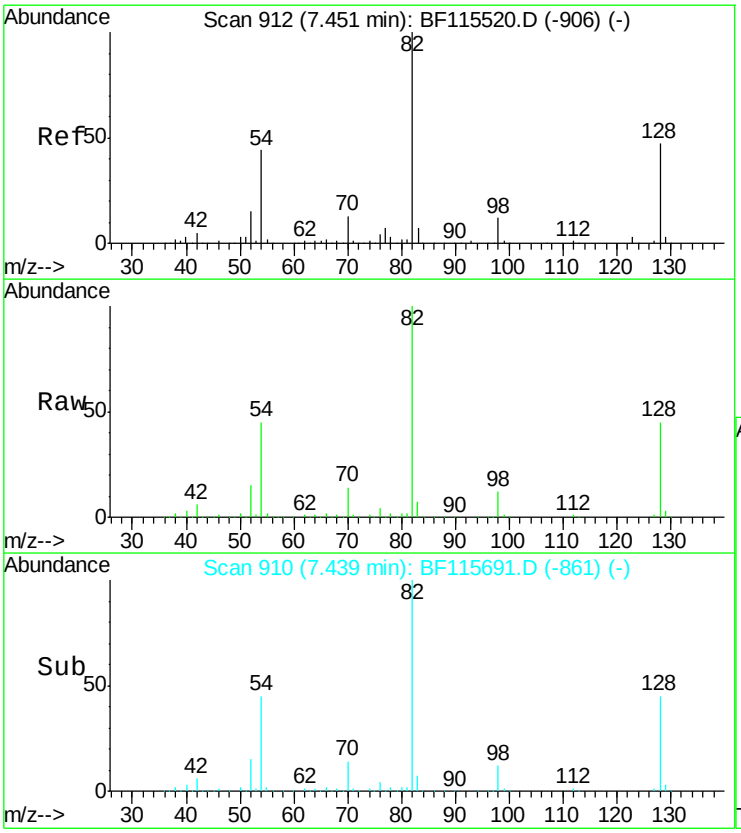
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 873184

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.4	5.6	8.4
68	6.8	5.0	7.6

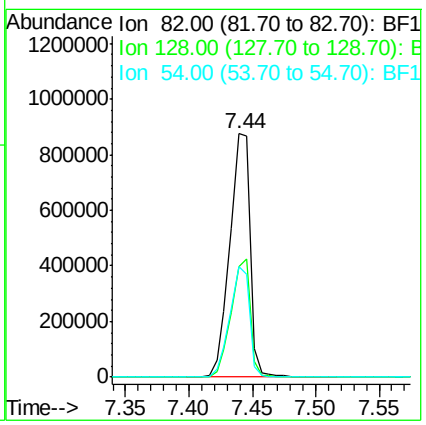


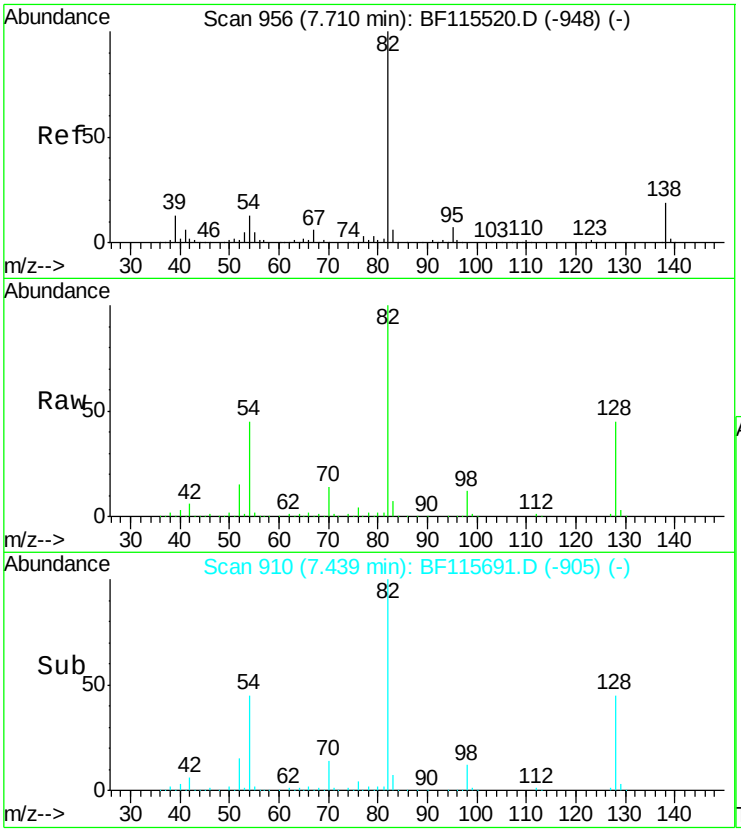


#23
Nitrobenzene-d5
Concen: 64.164 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Tgt Ion: 82 Resp: 963553

Ion	Ratio	Lower	Upper
82	100		
128	45.4	38.6	57.8
54	45.4	35.6	53.4



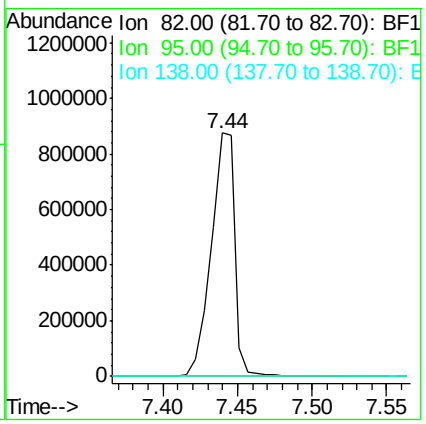


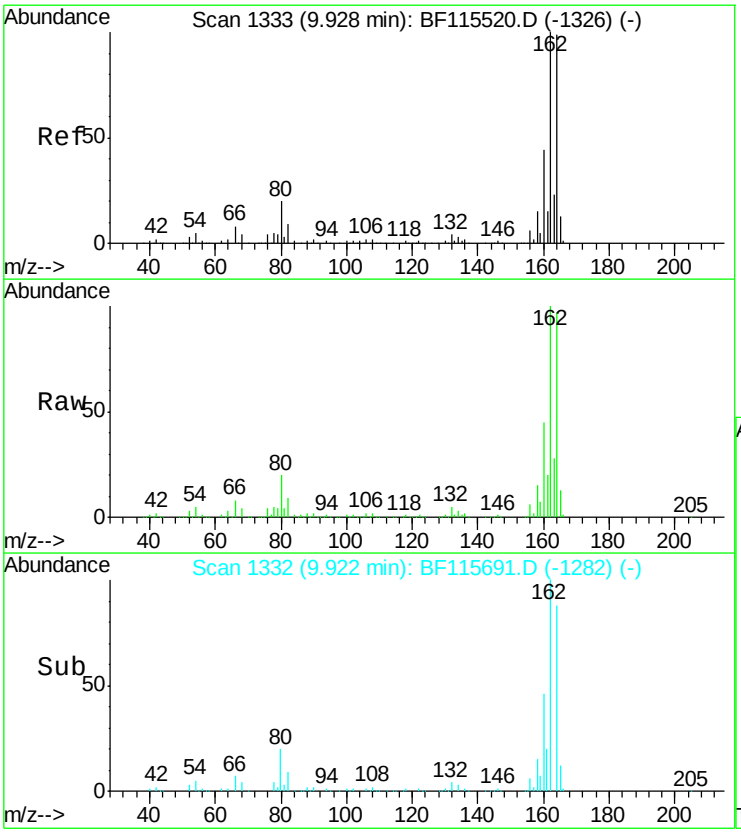
#25
Isophorone
Concen: 31.633 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 950549

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	14.9	22.3#

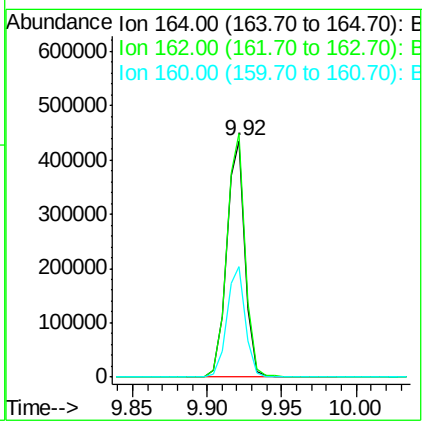


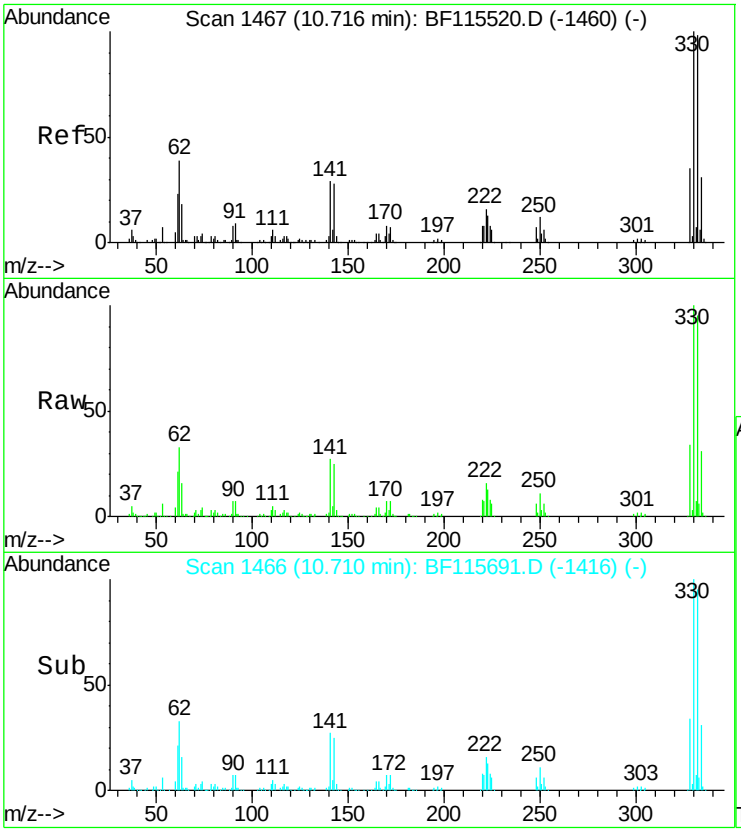


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Tgt Ion:164 Resp: 379446

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.9	124.3
160	46.8	36.8	55.2



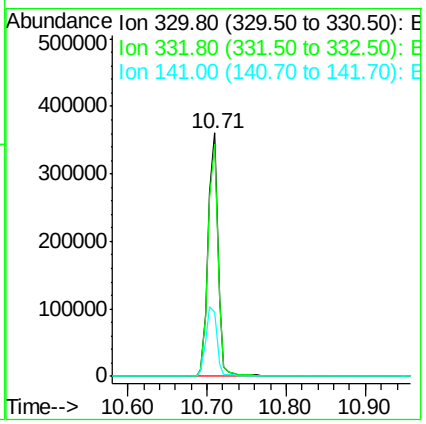


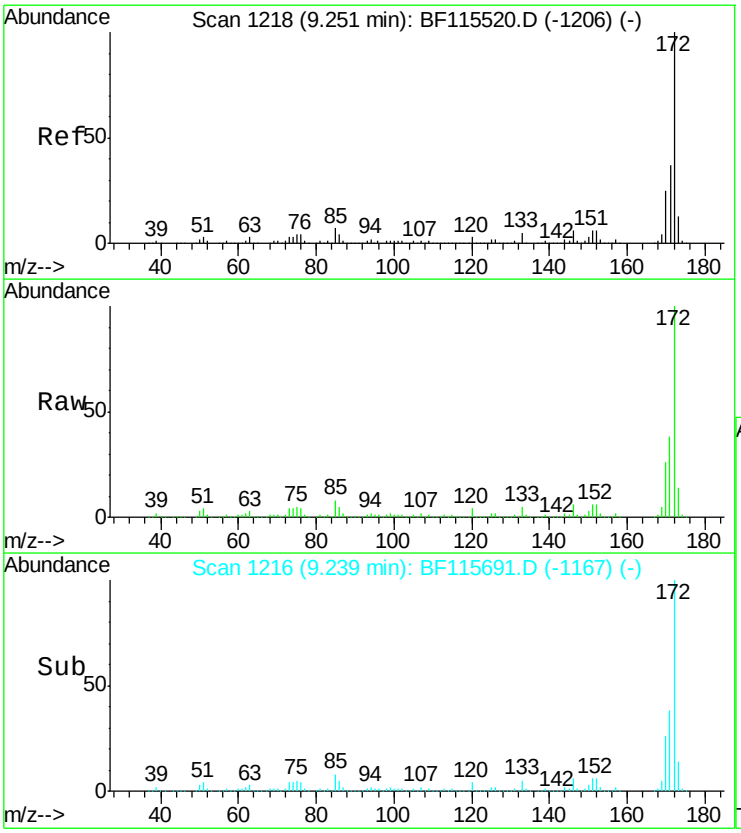
#42
2,4,6-Tribromophenol
Concen: 71.298 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 315782

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	32.8	22.4	33.6

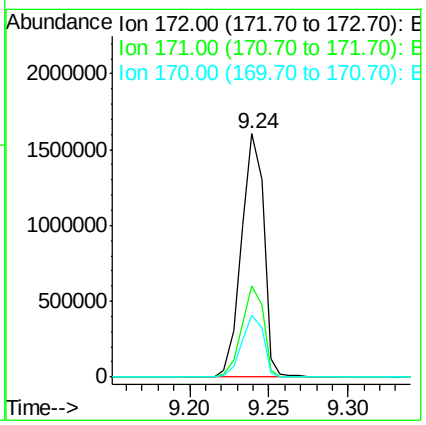


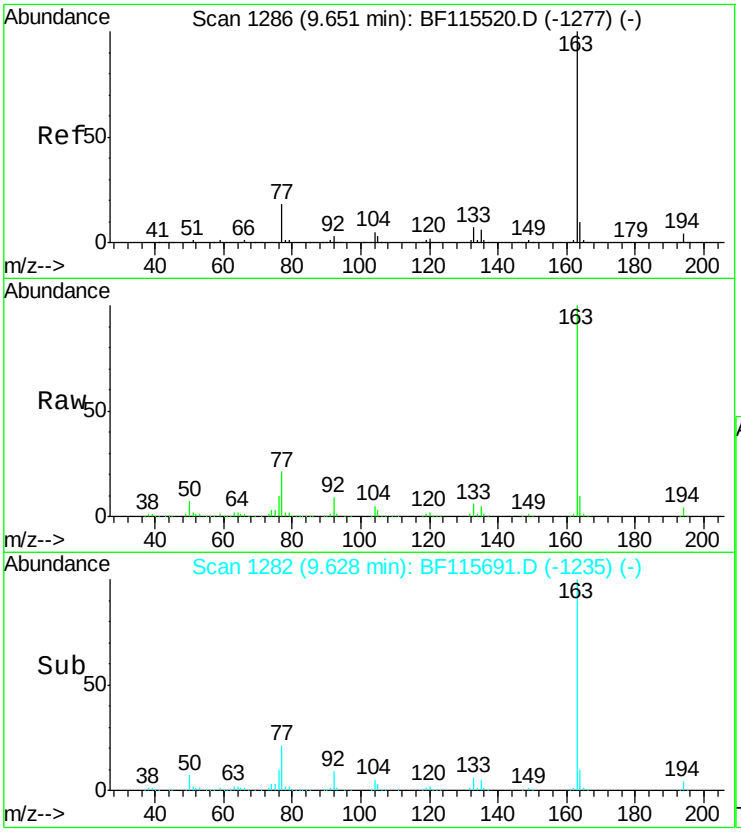


#45
2-Fluorobiphenyl
Concen: 72.544 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Tgt Ion:172 Resp: 1572681

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.6	46.0
170	25.5	20.5	30.7



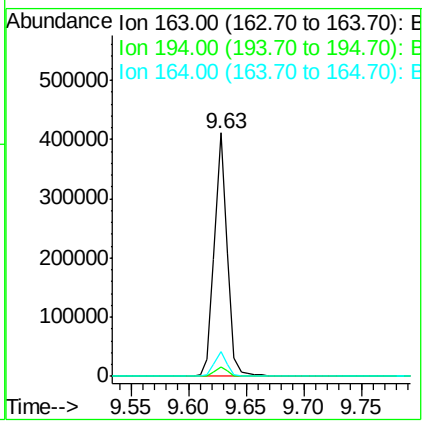


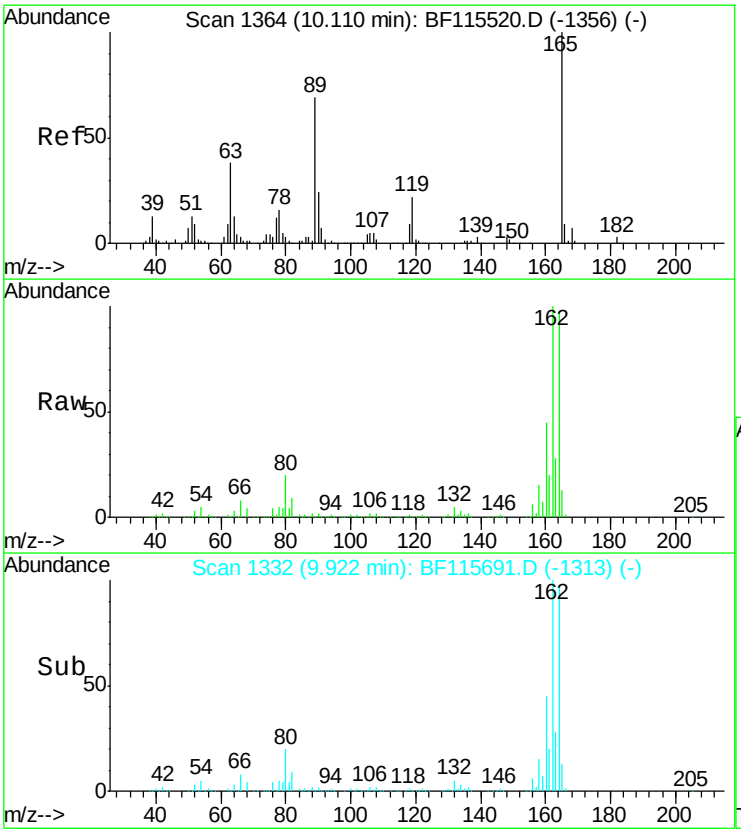
#50
Dimethylphthalate
Concen: 11.126 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 317640

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	10.1	8.7	13.1

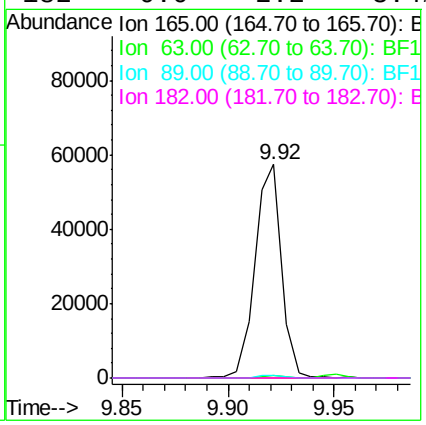


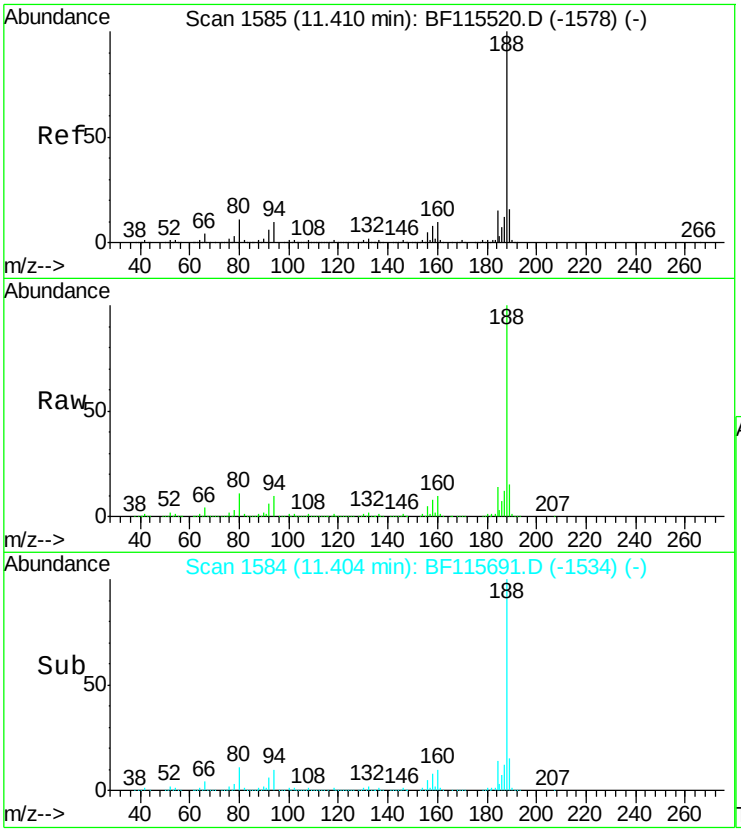


#57
2,4-Dinitrotoluene
Concen: 5.984 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.19 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Tgt Ion:165 Resp: 50295

Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.9	52.3#
89	1.4	57.5	86.3#
182	0.0	2.2	3.4#



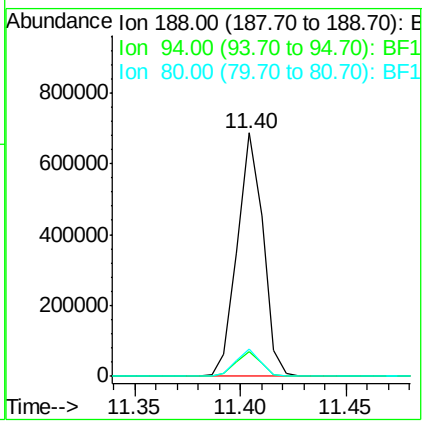


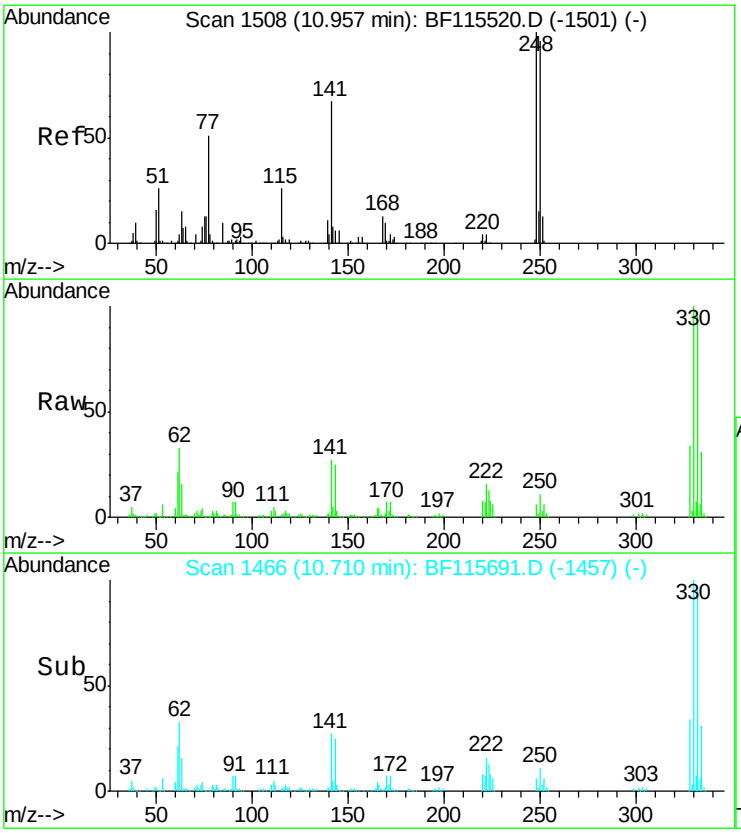
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 579949

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.8	11.6
80	11.0	8.6	13.0

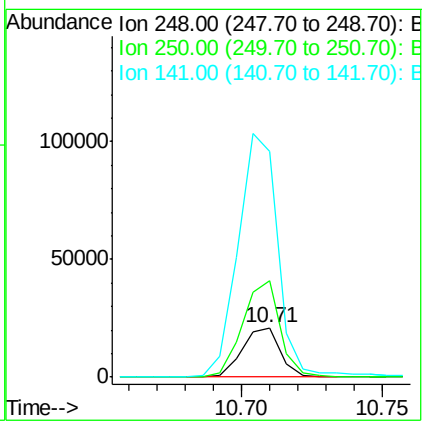


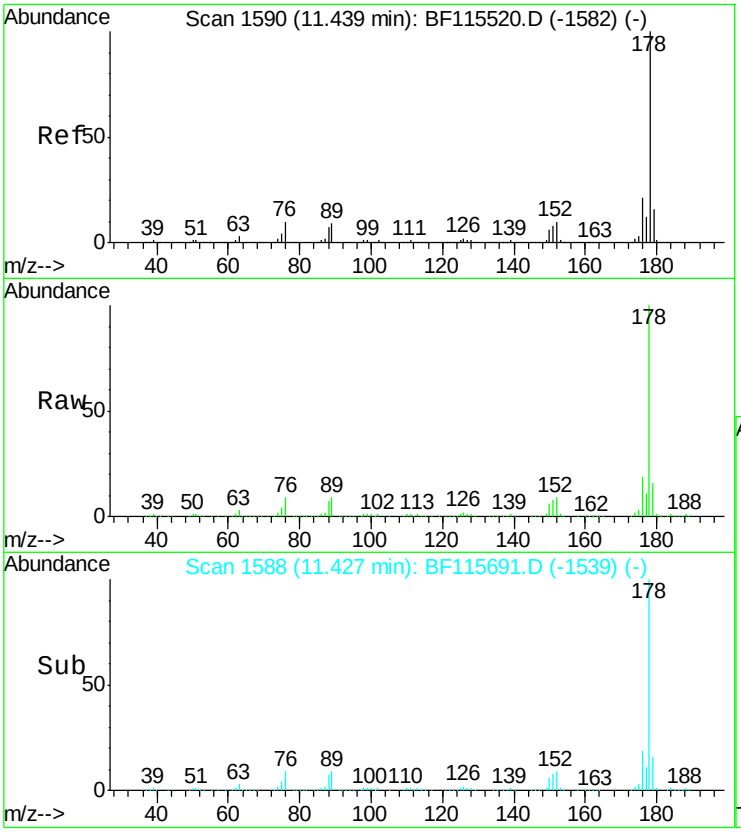


#67
4-Bromophenyl-phenylether
Concen: 2.925 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Tgt Ion:248 Resp: 19384

Ion	Ratio	Lower	Upper
248	100		
250	195.9	78.0	117.0#
141	455.7	57.7	86.5#



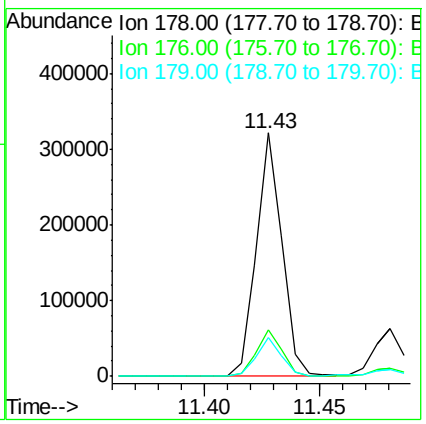


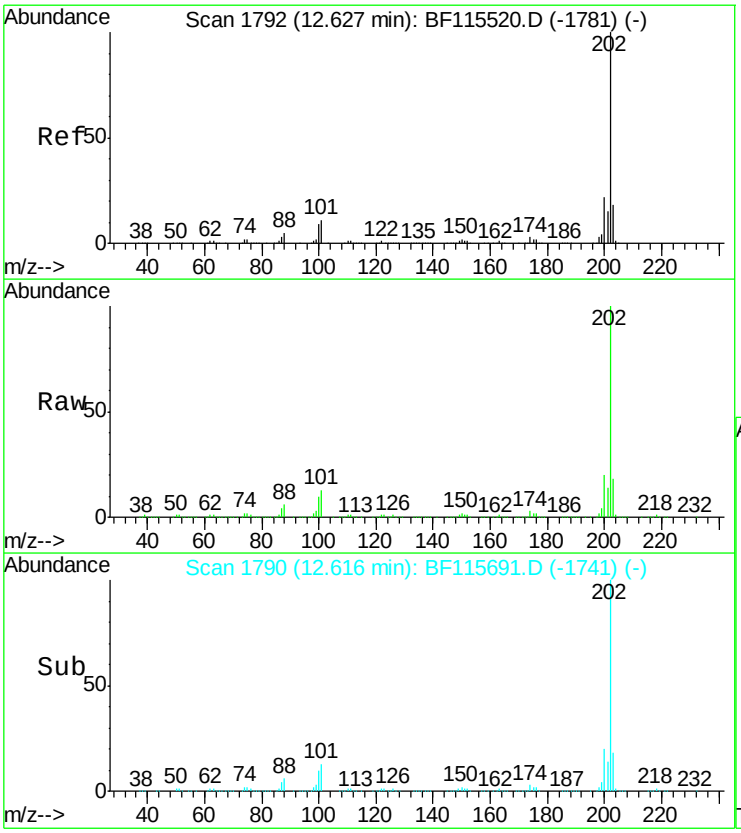
#71
Phenanthrene
Concen: 8.425 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 250468

Ion	Ratio	Lower	Upper
178	100		
176	19.3	17.2	25.8
179	15.9	13.5	20.3

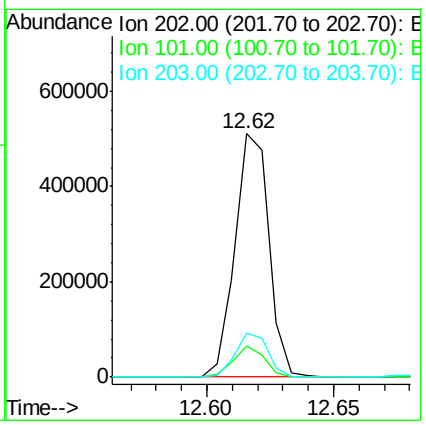


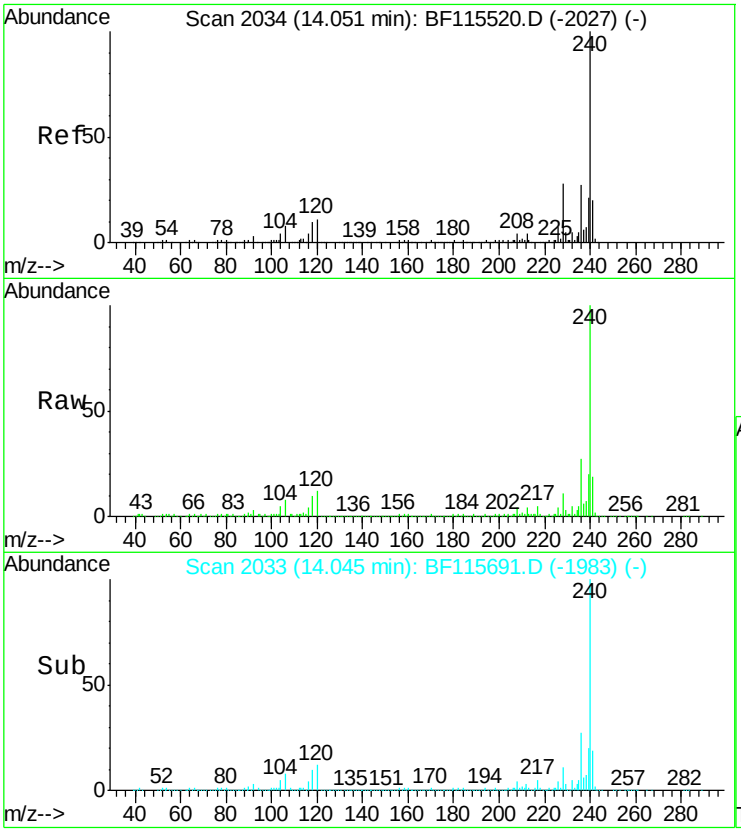


#75
Fluoranthene
Concen: 15.076 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Tgt Ion:202 Resp: 473612

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	31.4
203	18.1	0.0	38.1



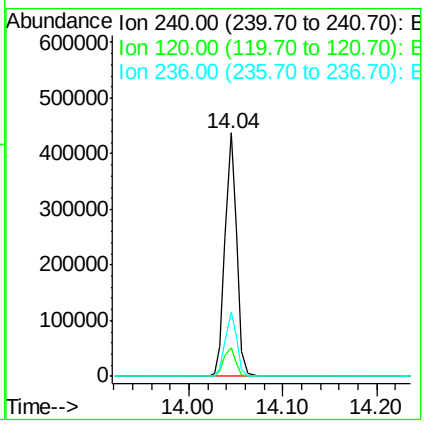


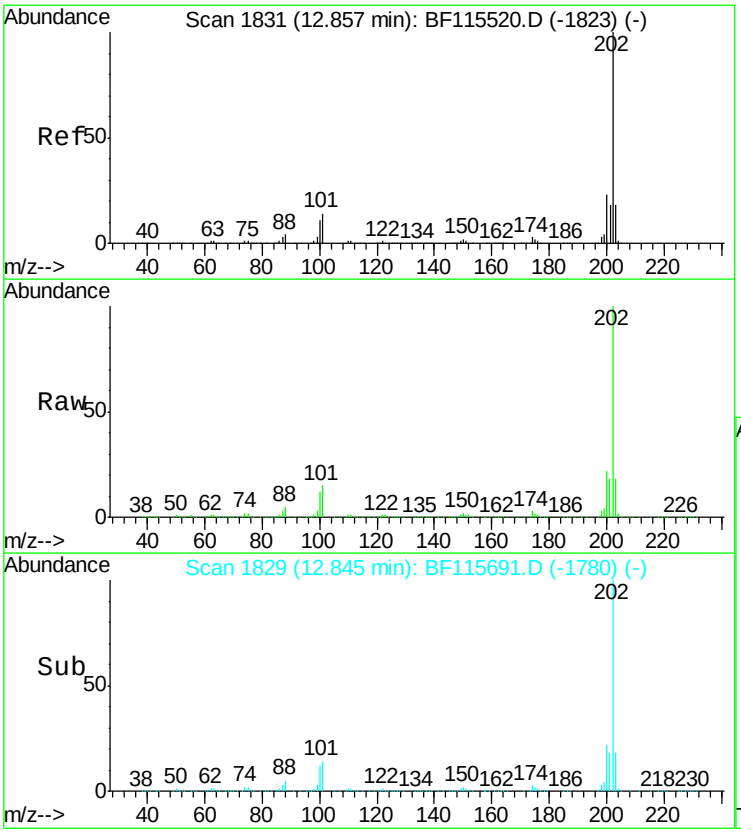
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 379161

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.6	13.0
236	26.7	21.3	31.9

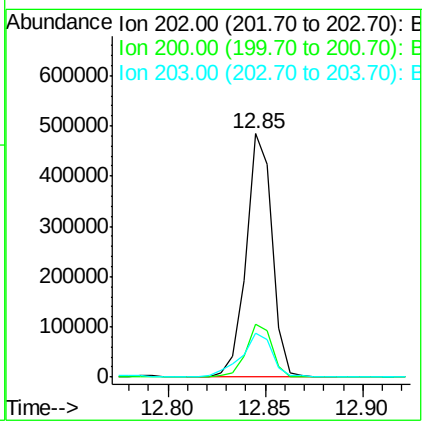


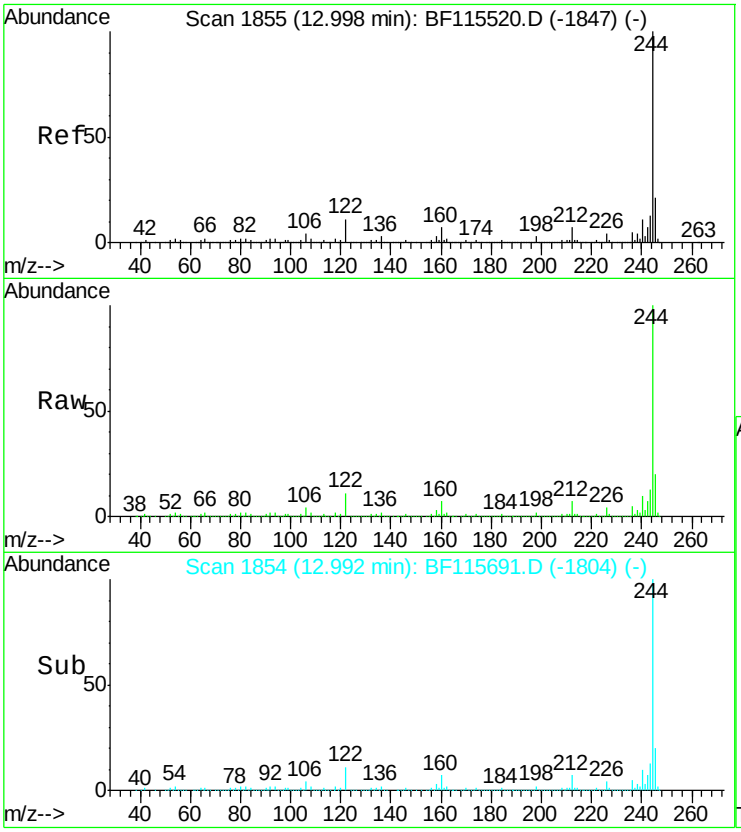


#78
Pyrene
Concen: 13.853 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Tgt Ion:202 Resp: 445009

Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.7	28.1
203	18.0	15.2	22.8



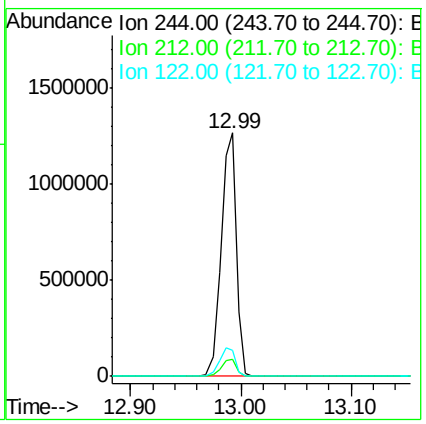


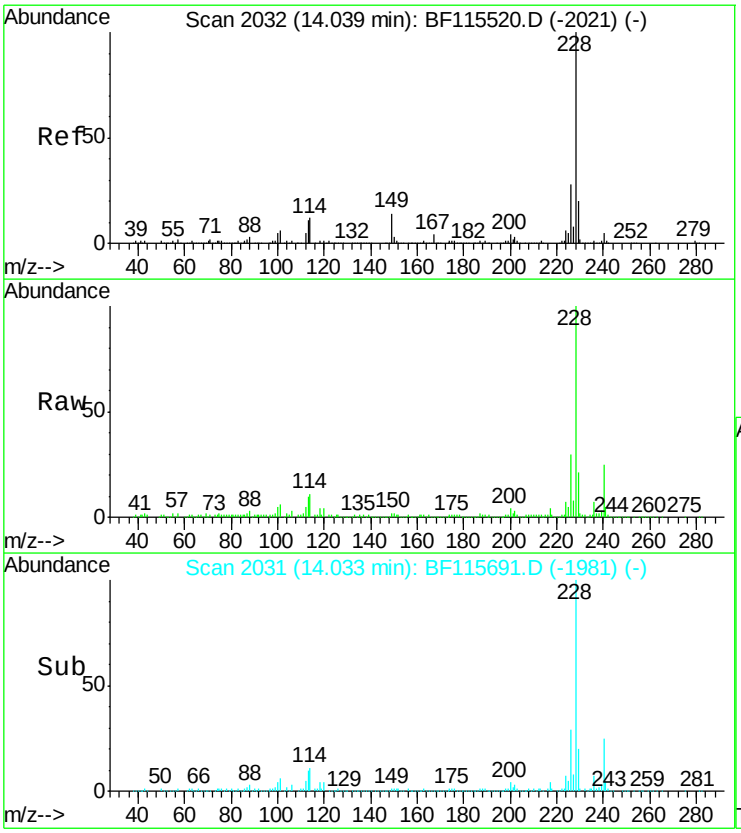
#79
Terphenyl-d14
Concen: 59.017 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1212728

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	10.6	8.6	12.8

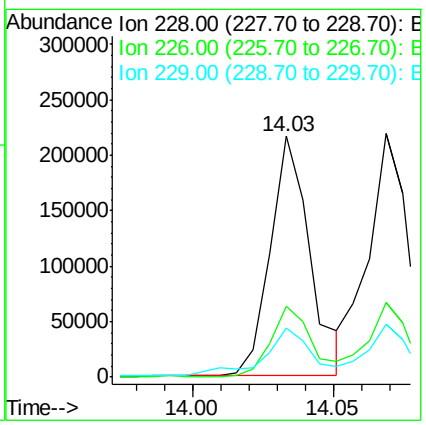


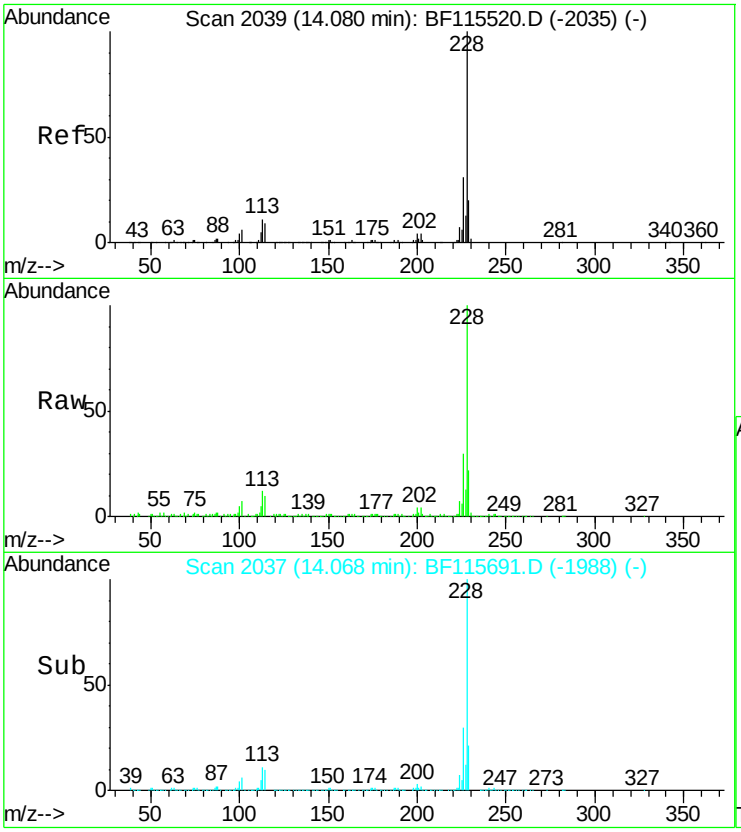


#81
Benzo(a)anthracene
Concen: 8.447 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Tgt Ion:228 Resp: 211004

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.0
229	20.6	17.2	25.8



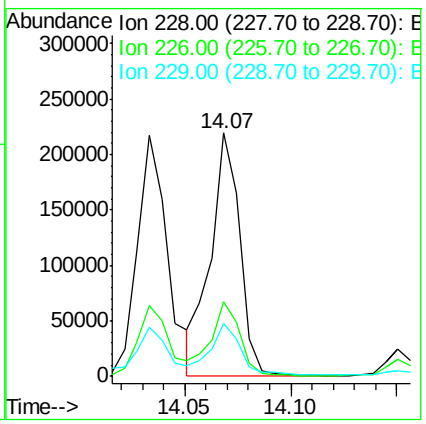


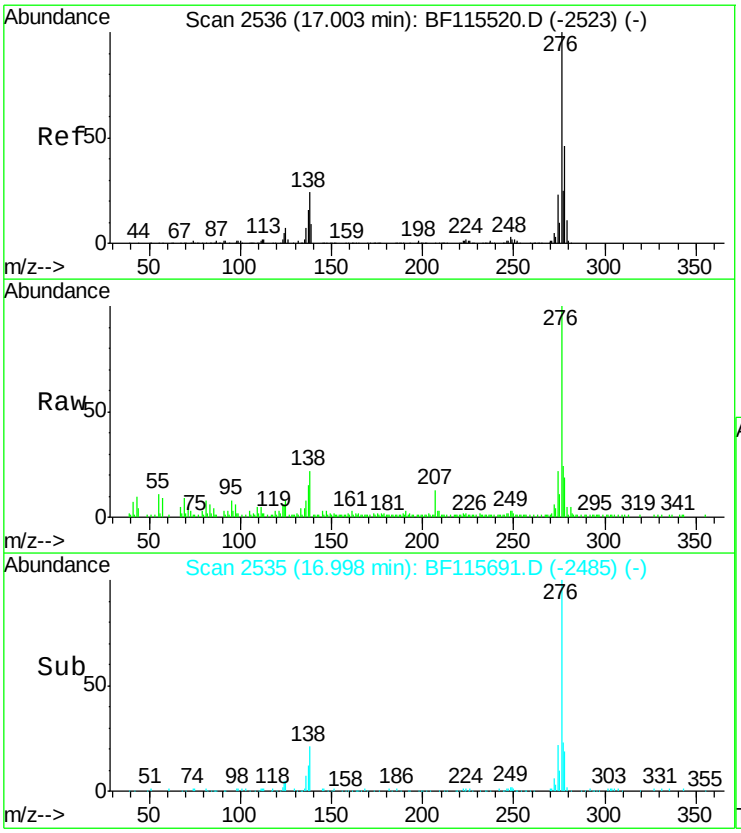
#83
Chrysene
Concen: 8.363 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 209707

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.7	38.5
229	21.8	16.6	25.0

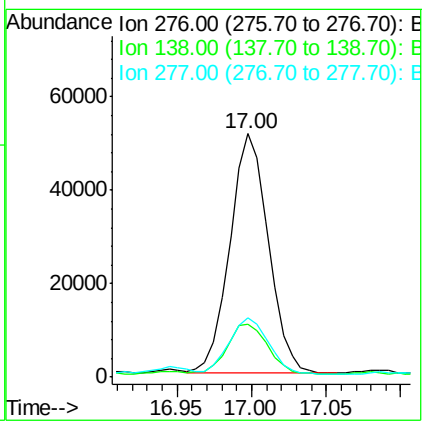


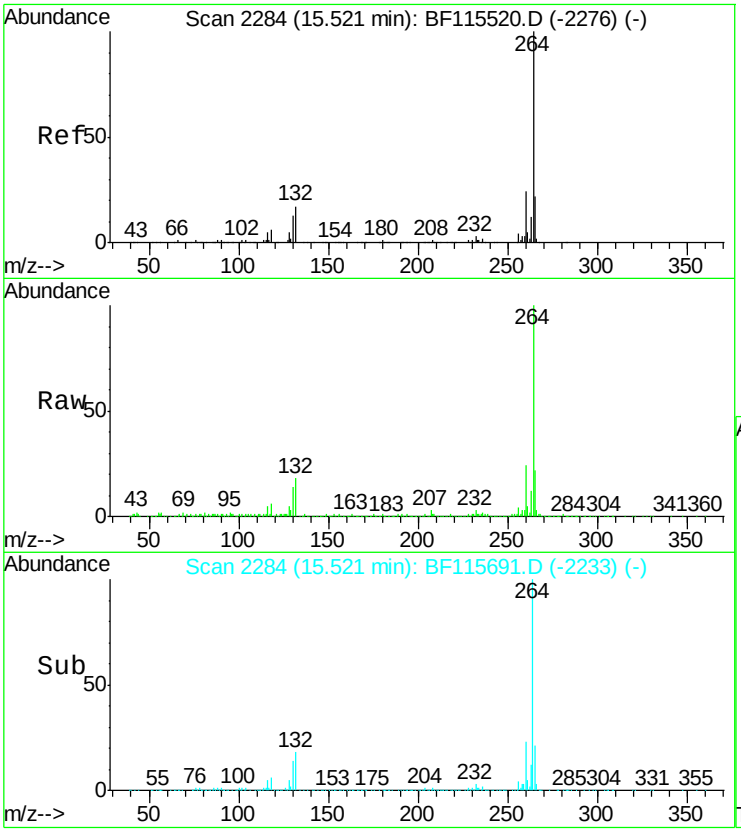


#86
Indeno(1,2,3-cd)pyrene
Concen: 4.298 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Tgt Ion:276 Resp: 91562

Ion	Ratio	Lower	Upper
276	100		
138	23.2	20.2	30.2
277	24.5	20.4	30.6



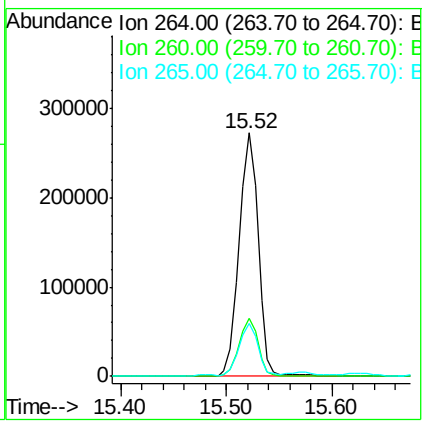


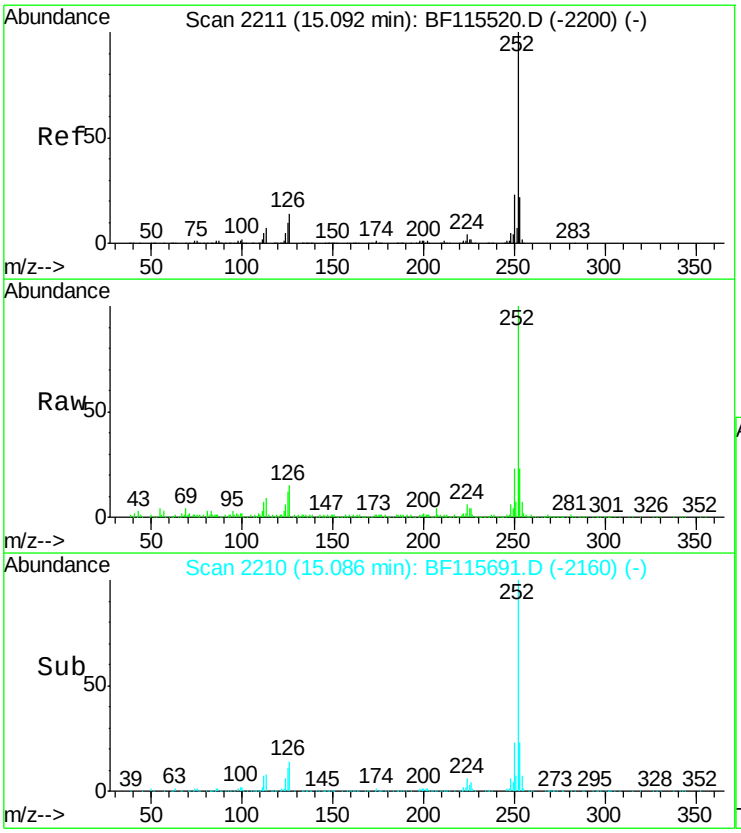
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 341048

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.8	29.8
265	21.6	17.7	26.5

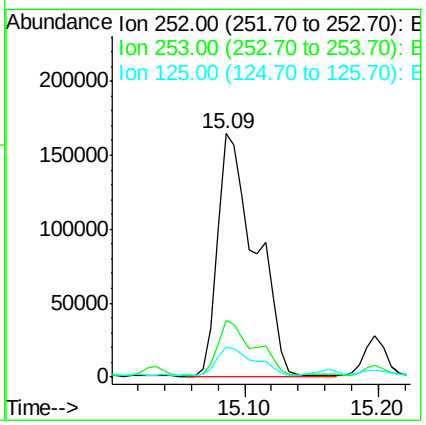


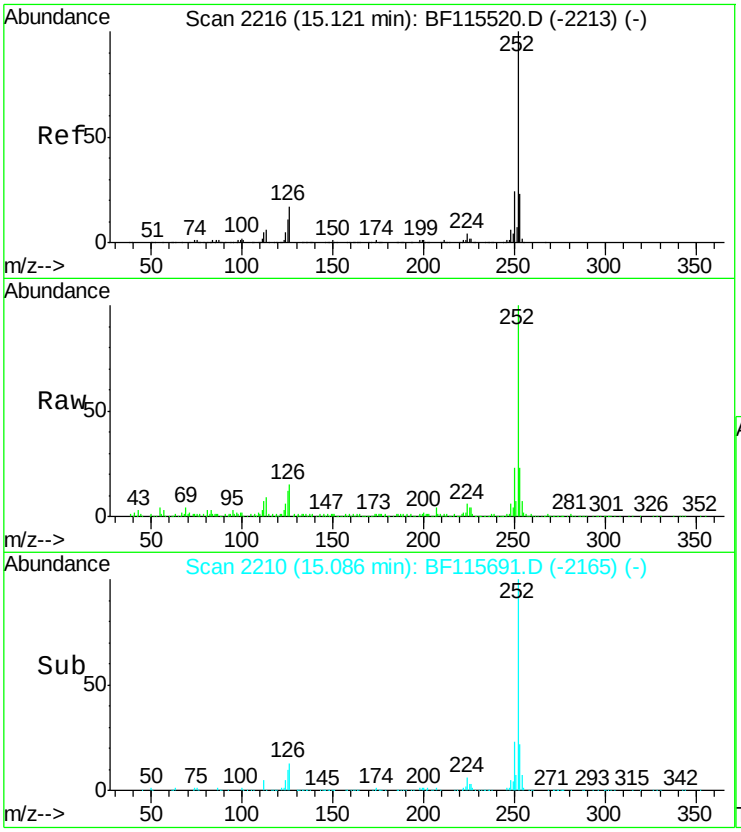


#88
Benzo(b)fluoranthene
Concen: 14.823 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Tgt Ion:252 Resp: 325521

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	12.2	9.0	13.4



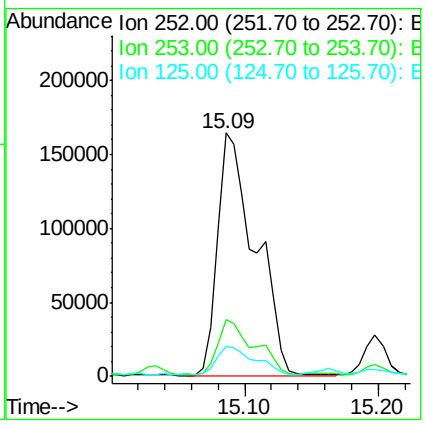


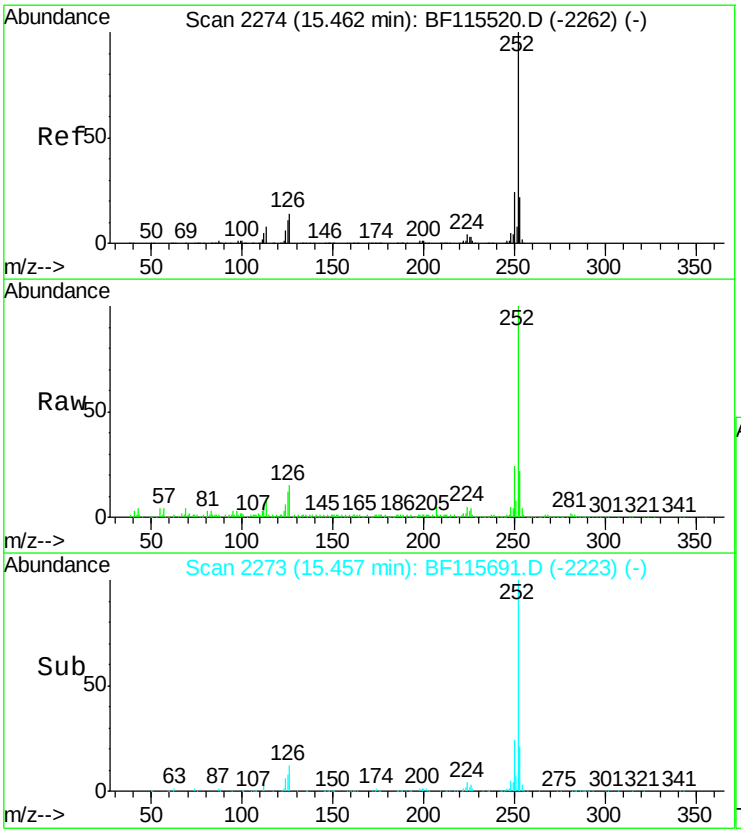
#89
Benzo(k)fluoranthene
Concen: 16.626 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.04 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 325521

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.6	28.0
125	12.2	9.0	13.6

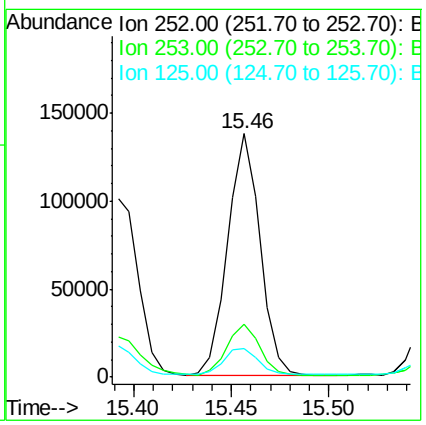


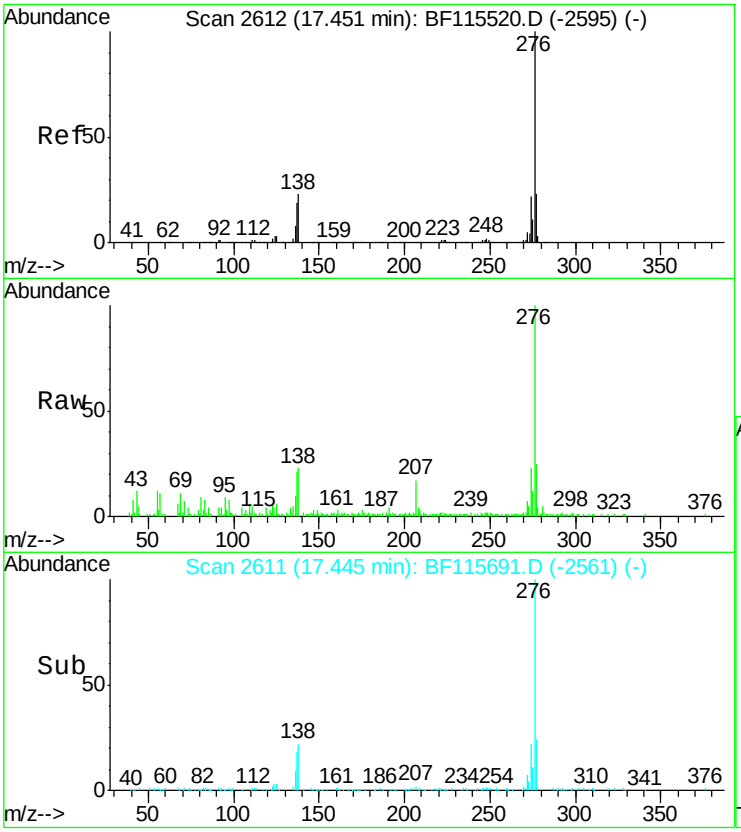


#90
Benzo(a)pyrene
Concen: 8.387 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Tgt Ion:252 Resp: 158309

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	11.5	9.1	13.7





#92
Benzo(g,h,i)perylene
Concen: 5.717 ng
RT: 17.44 min Scan# 2611
Delta R.T. -0.01 min
Lab File: BF115691.D
Acq: 20 Jul 2019 00:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 94479

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.0	28.4
138	22.7	17.2	25.8